## What is claimed is:

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1. A disc-drive system comprising: a disc drive, the disc drive including:

a disc-drive housing;

a disc assembly mounted to rotate within the housing, the disc assembly including at least a first disc surface having a plurality of zones including a predefined first zone having a plurality of sectors of data and a predefined second zone having a plurality of sectors of data and a predefined third zone having a plurality of sectors of data;

a first transducer positionable facing the first disc surface to transduce data to and from the first zone and the second zone and the third zone;

an address translator that translates a logical block address to a position address and

a controller operable to control positioning of the transducer based on the position address, wherein a first predetermined number of spare sectors are allocated to the first zone, and a second predetermined number of spare sectors are allocated to the second zone and third zone combined.

- 20 2. The system according to claim 1, wherein all of the plurality of sectors of data in the first zone are recorded at a predetermined first frequency, all of the plurality of sectors of data in the second zone are recorded at a predetermined second frequency that is different than the first frequency, and all of the plurality of sectors of data in the third zone are recorded at a predetermined third frequency that is different than the first frequency and different than the second frequency.
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3. The system according to claim 1, wherein the second predetermined number of spare sectors is based on a number of defects found in the second zone and third zone combined, and the first predetermined number of spare sectors is based on a number of defects found in the first zone.

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- 4. The system according to claim 1, wherein the address translator further comprises a logical zone table, wherein the first zone is located in a first logical zone, and the second zone and third zone are both located in a second logical zone.
- 5. The system according to claim 1, wherein the address translator further comprises a logical zone table, and wherein each logical zone includes one or more zones based on a number of defects found in each zone in order that each logical zone includes a similar number of defects.
- 15 6. The system according to claim 5, wherein each logical zone is allocated a number of spare sectors based on the total number of defects found in all of the zones of the logical zone.
- 7. The system according to claim 5, wherein each logical zone only includes one or more contiguous zones.
  - 8. The system according to claim 1, wherein the address translator further comprises a logical zone table formed by iteratively combining a plurality of contiguous zones into logical zones in order to create logical zones each including a similar number of defects.

- 9. The system according to claim 1, further comprising:
- an information-handling system operatively coupled to transmit data to and from the disc drive;
- an input/output subsystem operatively coupled to input and output data to the information-handling system; and
  - a memory operatively coupled to transmit data to and from the informationhandling system.
- 10. A method for determining locations of sectors in a disc drive, comprisingsteps of:
  - (a) allocating a plurality of zones for data;
  - (b) determining a defect rate in each of the plurality of zones; and
  - (c) allocating spare sectors based on the determined defect rates.
- 15 11. The method according to claim 10, further comprising a step of:
  - (d) forming logical zones based on the determined defect rates, each logical zone having one or more of the plurality of zones, in order that each logical zone has a similar total number of defects.
- 20 12. The method according to claim 11, wherein the step (c) of allocating further comprises allocating a number of spare sectors for each logical zone based on the total number of defects in that logical zone.
  - 13. The method according to claim 12, further comprising steps of:
- 25 (e) forming a logical zone table, the logical zone table having one or more zones in each logical zone; and
  - (f) translating a logical block address (LBA) into a physical address using the logical zone table.

- 14. The method according to claim 11, wherein all the zones in each logical zone having more than one zone are contiguous zones.
- 15. The method according to claim 11, further comprising steps of:
- 5 (g) forming a logical zone table, the logical zone table initially having two or more contiguous zones in each tentative logical zone;
  - (h) determining which one of the tentative logical zones has the fewest total defects, and combining the zones forming that tentative logical zone having the fewest total defects into a single zone, while leaving the other zones as separate; and
- (i) iteratively repeating steps (g) and (h).
  - 16. The method according to claim 11, further comprising steps of:
  - (j) iteratively combining the zones into logical zones in order to obtain logical zones each having a similar number of defects;
- 15 (k) allocating spare sectors to each logical zone based on a number of defects in each respective logical zone; and
  - (1) translating logical block addresses based on the logical zones.
- 17. The method according to claim 10, wherein each one of the plurality of zones uses a single transducing frequency that is different than the single transducing frequency of the other zones.
  - 18. The method according to claim 11, further comprising steps of:
    - (m) iteratively combining the zones into logical zones in order to obtain
- 25 logical zones each having a similar number of defects;
  - (n) allocating an equal number of spare sectors to each logical zone; and
  - (o) translating logical block addresses based on the logical zones.

- 19. The method according to claim 16, wherein all the zones in each logical zone having more than one zone are contiguous zones.
- 20. A disc drive system comprising:
- a rotating disc having a plurality of zones of data including a first zone, a second zone, and a third zone;
  - a transducer positionable to transduce data to the first, second, and third zones; and
- means for allocating spare sectors to the first, second, and third zones and for translating logical block addresses to physical addresses based on the allocation of spare sectors.